



STIC Search Report

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STIC Database Tracking Number

TO: Alton Pryor
Location: REM- 4A39
Art Unit: 1616

Case Serial Number: 09/666 463

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Search Notes

2/19/81 5:01 PM
P.S.
M.S.
Mayer, B.
2/20/81 10:00 AM

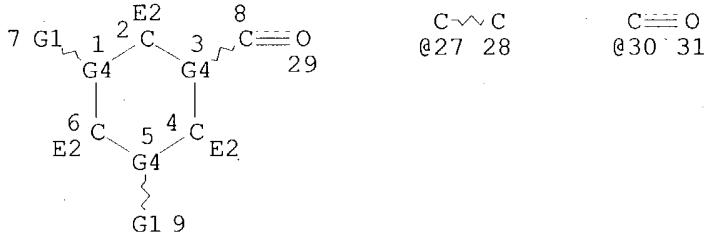
=> fil hcaplus
FILE 'HCAPLUS' ENTERED AT 12:36:35 ON 21 MAY 2004
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FILE COVERS 1907 - 21 May 2004 VOL 140 ISS 22
FILE LAST UPDATED: 20 May 2004 (20040520/ED)

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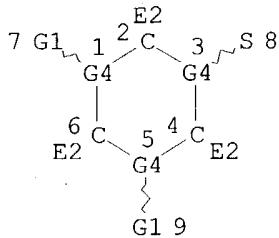
=>
=>
=> d stat que 149
L7 774456 SEA FILE=REGISTRY ABB=ON PLU=ON 46.150.1/RID
L11 SCR 2039 OR 2127 OR 2050 OR 2049 OR 2048 OR 2053 OR 2052 O
R 2051 OR 2043
L32 STR



VAR G1=30/S/N
VAR G4=CH/27
NODE ATTRIBUTES:
HCOUNT IS E2 AT 2
HCOUNT IS E2 AT 4
HCOUNT IS E2 AT 6
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 14

STEREO ATTRIBUTES: NONE
L38 STR

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@27 28C=O
@30 31

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VAR G4=CH/27

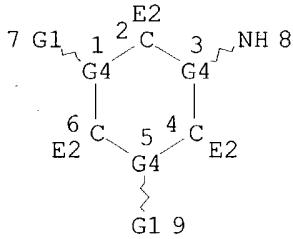
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 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

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RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE
 L40 STR

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@27 28C=O
@30 31

VAR G1=30/S/N

VAR G4=CH/27

NODE ATTRIBUTES:

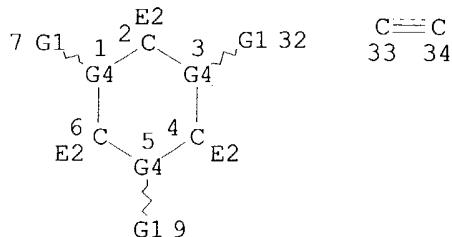
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 HCOUNT IS E2 AT 6
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE

L44 403 SEA FILE=REGISTRY SUB=L7 SSS FUL L32 NOT L11
 L45 116 SEA FILE=REGISTRY SUB=L7 SSS FUL (L38 OR L40) NOT L11
 L46 485 SEA FILE=REGISTRY ABB=ON PLU=ON L44 OR L45
 L47 STR

C~C
027 28C=O
030 31C=C
33 34

VAR G1=30/S/NH

VAR G4=CH/27

NODE ATTRIBUTES:

HCOUNT IS E2 AT 2
 HCOUNT IS E2 AT 4
 HCOUNT IS E2 AT 6
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 15

STEREO ATTRIBUTES: NONE

L48 29 SEA FILE=REGISTRY SUB=L46 SSS FUL L47
 L49 20 SEA FILE=HCAPLUS ABB=ON PLU=ON L48

=>

=>

=> d ibib abs hitrn 149 1-20

L49 ANSWER 1 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2004:305563 HCAPLUS

DOCUMENT NUMBER: 140:329574

TITLE: Heat- or photo-curable composition for
negative-working lithographic plate

INVENTOR(S): Fujimaki, Kazuhiro

PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 94 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------|----------|
| JP 2004117555 | A2 | 20040415 | JP 2002-277719 | 20020924 |
| PRIORITY APPLN. INFO.: | | | JP 2002-277719 | 20020924 |
| AB | The compn. contains (A) a polymerizable compd. having .gtoreq.1 ethylenic unsatd. group and .gtoreq.2 cyclic structures from .gtoreq.1 amide structure and (B) a compd. generating radical by heat or light. The compn. shows good storage stability, high sensitivity, developability, and gives neg. lithog. printing plate with good printing durability esp. on burning treatment. | | | |
| IT | 679408-06-1 | | | |
| RL: | TEM (Technical or engineered material use); USES (Uses) (heat- or photo-curable compn. for neg.-working lithog. plate) | | | |

L49 ANSWER 2 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2003:929374 HCAPLUS
 DOCUMENT NUMBER: 139:396167
 TITLE: Preparation of amino acid derivatives as gelling agents
 INVENTOR(S): Van Bommel, Kjeld Jacobus Cornelis; Van Esch, Johannes Henricus; De Loos, Maaike; Heeres, Andre; Feringa, Bernard Lucas
 PATENT ASSIGNEE(S): Applied Nanosystems B. V., Neth.
 SOURCE: Eur. Pat. Appl., 17 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|-----------------|----------|
| EP 1364941 | A1 | 20031126 | EP 2002-77007 | 20020522 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| WO 2003097587 | A2 | 20031127 | WO 2003-NL381 | 20030522 |
| WO 2003097587 | A3 | 20040311 | | |
| W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |

PRIORITY APPLN. INFO.: EP 2002-77007 A 20020522

OTHER SOURCE(S): MARPAT 139:396167

AB The invention relates to a novel class of gelling agents $Y1n-Am1-X1-Z(-X2-Am2-Y2n)(-X3-Am3-Y3n)$ [Z is (hetero)cycloalkyl or (hetero)aryl; X1, X2, X3 are NH, CO, or NHCO; Am1, Am2, Am3 are amino acids or derivs. or a no. of amino acids or derivs.; Y1, Y2, Y3 are OH, OR, NHR, where R is (cyclo)alk(en)(yn)yl; n = 1 or 2 (with provisos)] and to a process for their prepn. Thus, Z-[Phe-O(CH₂)₇CH:CH₂]₃ (Z is cis,cis-1,3,5-cyclohexanetricarbonyl) was prepd. via amidation reaction and used to form a gel of Grubbs catalyst in benzene.

IT 627093-39-4

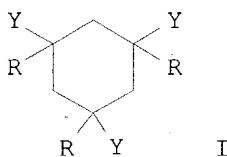
RL: CPS (Chemical process); PEP (Physical, engineering or chemical process); RCT (Reactant); PROC (Process); RACT (Reactant or reagent) (prepn. of amino acid derivs. as gelling agents)

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L49 ANSWER 3 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2001:225289 HCAPLUS
 DOCUMENT NUMBER: 134:256618
 TITLE: Cosmetic composition containing a cyclohexane derivative
 INVENTOR(S): Livoreil, Aude
 PATENT ASSIGNEE(S): L'Oreal, Fr.
 SOURCE: Eur. Pat. Appl., 13 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------------------------------------------------------------------------------------|------|----------|-----------------|----------|
| EP 1086945 | A1 | 20010328 | EP 2000-402369 | 20000828 |
| EP 1086945 | B1 | 20021009 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| FR 2798655 | A1 | 20010323 | FR 1999-11773 | 19990921 |
| FR 2798655 | B1 | 20011116 | | |
| AT 225766 | E | 20021015 | AT 2000-402369 | 20000828 |
| ES 2184686 | T3 | 20030416 | ES 2000-402369 | 20000828 |
| JP 2001114630 | A2 | 20010424 | JP 2000-287797 | 20000921 |
| PRIORITY APPLN. INFO.: FR 1999-11773 A 19990921 | | | | |
| OTHER SOURCE(S): MARPAT 134:256618 | | | | |
| GI | | | | |



AB A cosmetic compn. contg. a cyclohexane deriv. [I; R = H, satd. hydrocarbon; Y = COSR', CONHR', NHCOR', SCOR' (R' = H, an aryl group substituted with a hydrocarbon chain)]. Thus, cis-1,3,5-tris(oleylaminocarbonyl)cyclohexane (II) was prep'd. by the reaction of cis 1,3,5-cyclohexane-tricarboxylic acid with oleylamine. A cosmetic stick contained II 20.8, iron oxide 0.5 g, isododecane 16, and parleam oil 4 mL.

IT 330974-83-9 330974-84-0 330974-85-1
330974-86-2 330974-87-3 330974-88-4
330974-89-5 330974-90-8 330974-91-9
330974-92-0

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(cosmetic compn. contg. cyclohexane deriv.)

IT 330974-79-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(cosmetic compn. contg. cyclohexane deriv.)

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L49 ANSWER 4 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:107928 HCAPLUS

DOCUMENT NUMBER: 134:165660

TITLE: Crosslinking agents, crosslinked solid polymer electrolytes, and secondary lithium polymer batteries

INVENTOR(S): Kang, Yong Koo; Kim, Eun Kyung; Kim, Ha Young; Oh, Bu Keun; Cho, Jae Hyun

PATENT ASSIGNEE(S): Samsung SDI Co., Ltd., S. Korea; Korea Research Institute of Chemical Technology

SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|------------|
| JP 2001040168 | A2 | 20010213 | JP 2000-195197 | 20000628 |
| JP 3328262 | B2 | 20020924 | | |
| KR 2001004121 | A | 20010115 | KR 1999-24732 | 19990628 |
| US 6395429 | B1 | 20020528 | US 2000-604882 | 20000628 |
| PRIORITY APPLN. INFO.: | | | KR 1999-24732 | A 19990628 |

OTHER SOURCE(S): MARPAT 134:165660

AB The crosslinking agents are represented as R1:CR4CO(OCH2CH2)pAX[A(CH2CH2O)
qCOCR5:R2]A(CH2CH2O)lCOCR6:R3 [I; A = O, CO2, or C1-4 alkylene; X is
selected from cyclohexane, benzene, triazine, trioxane, and isocyanurate;
R1, R2, and R3 = C1-10 straight (or branched) olefin; R4, R5, and R6 = H
or Me; p, q, and r = 1-20]. The solid polymer electrolytes are
crosslinked compns. of (1) crosslinking agents I, (2) polyalkylene glycol
alkyl ether alkyl (meth)acrylates, (3) Li salts, and (4) crosslinking
initiators. Optionally, the electrolytes contain polyalkylene glycol
dialkyl ethers. Secondary Li batteries contg. the above polymer
electrolytes are also claimed. Thus, a compn. contg. tris(2-
acryloyloxyethyl)isocyanurate, polyethylene glycol Me ether methacrylate,
polyethylene glycol di-Me ether, dimethoxyphenyl acetophenone, and
LiCF3SO3 was crosslinked by UV irradn. to give an electrolyte having high
ion cond. and strength, which was applied to a secondary battery.

IT 325705-58-6

RL: DEV (Device component use); USES (Uses)
(crosslinking agent; polyoxyalkylene-based electrolytes crosslinked
with acryloyloyethyl derivs. for lithium batteries)

L49 ANSWER 5 OF 20 HCPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:84423 HCPLUS

DOCUMENT NUMBER: 134:320292

TITLE: Development of sensing agents using Kemp's triacid
derivatives for metal ions and chiral amines

AUTHOR(S): Hirose, Takiji; Naito, Kumiko; Taniguchi, Kayoko

CORPORATE SOURCE: Dep. Appl. Chem., Saitama Univ., Urawa, Japan

SOURCE: CACS Forum (2000), 20, 58-67

CODEN: CACFEJ

PUBLISHER: Saitama Daigaku Bunseki Senta

DOCUMENT TYPE: Journal; General Review

LANGUAGE: Japanese

AB A review with 26 refs. Sensing agents for metal ions and chiral amines
were prep'd. from the same starting material, Kemp's triacid. Kemp's
triacid, cis,cis-1,3,5-trimethyl-1,3,5-cyclohexane tricarboxylic acid, has
unique characteristics as a scaffold for sensing agents. Namely, three
carboxyl groups are pointing in the same direction from a small cyclic
stage. Using target specific design, the carboxyl groups were used to
recognize the target or signal. For inorg. metal ion sensing, one or two
carboxyl groups were used as chelating units while the remaining carboxyl
groups served as chromophore linkers. As a result, highly sensitive
detection of metal ions was obsd. by color change from yellow to red. For
example, the detection limit for Hg2+ was 4.0 .times. 10-6 mol dm-3 using
an imide monoacid and the same detection limit was obsd. for Gd3+ using
amide diacid. For org. amines, two of the carboxyl groups were
derivatized with optically active NMR signaling units and the remaining
carboxyl group was used to bind the amines. The resulting optically
active diamide monoacids were shown to be useful as NMR shift reagents to
det. the optical purities of several chiral amines.

IT 335357-71-6P

RL: ARG (Analytical reagent use); SPN (Synthetic preparation); ANST
(Analytical study); PREP (Preparation); USES (Uses)
(development of sensing agents using Kemp's triacid derivs. for metal
ions and chiral amines)

L49 ANSWER 6 OF 20 HCPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2000:67678 HCPLUS
 DOCUMENT NUMBER: 132:130026
 TITLE: Positive-working resist composition suited for use in
 deep UV ray exposure
 INVENTOR(S): Aogo, Toshiaki
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 44 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| JP 2000029219 | A2 | 20000128 | JP 1998-197730 | 19980713 |

PRIORITY APPLN. INFO.: JP 1998-197730 19980713

AB The title resist compn. contains (a) a compd. generating an acid upon activating ray or radiation irradn., (b) a resin having polycyclic alicyclic groups and CO₂H groups, (c) a compd. having .gtoreq.2 groups CR₁R₂C:CR₃Z [R₁-3 = H, (substituted) alkyl, (substituted) cycloalkyl, 2 of R₁₃ may link each other to form a ring structure comprising 3-8 C atoms and heteroatoms; Z = O, S, SO₂, NH], (d) a cyclic aliph. org. carboxylic acid with mol. wt. .ltoreq.1000 and/or a naphthalene ring-contg. org. carboxylic acid, (e) a N-contg. basic compd., and (f) a F-type and/or Si-type surfactant. The compn. shows improved developability and provides a resln. pattern with high residual film rate and good profile using deep UV rays, esp., ArF excimer lasers.

IT 216308-35-9

RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)
 (deep UV-sensitive pos. resist compn.)

L49 ANSWER 7 OF 20 HCPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2000:67677 HCPLUS
 DOCUMENT NUMBER: 132:130025
 TITLE: Positive-working resist composition suited for use in
 deep ultraviolet ray exposure
 INVENTOR(S): Aogo, Toshiaki
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 44 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| JP 2000029218 | A2 | 20000128 | JP 1998-197729 | 19980713 |

PRIORITY APPLN. INFO.: JP 1998-197729 19980713

AB The title resist compn. contains (a) a compd. generating an acid upon activating ray or radiation irradn., (b) a resin having polycyclic alicyclic groups and CO₂H groups, (c) a compd. having .gtoreq.2 groups CR₁R₂C:CR₃Z [R₁-3 = H, (substituted) alkyl, (substituted) cycloalkyl, 2 of R₁₃ may link each other to form a ring structure comprising 3-8 C atoms and heteroatoms; Z = O, S, SO₂, NH], (d) a N-contg. basic compd., and (e) a F-type and/or Si-type surfactant. The compn. shows improved developability and provides a pattern with high residual film rate and good profile using deep UV rays, esp., ArF excimer lasers.

IT 216308-35-9

RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)

(deep UV-sensitive pos. resist compn.)

L49 ANSWER 8 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 2000:67675 HCAPLUS
 DOCUMENT NUMBER: 132:130024
 TITLE: Positive-working resist composition suited for use in
 deep ultraviolet ray exposure
 INVENTOR(S): Aogo, Toshiaki
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 44 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| JP 2000029216 | A2 | 20000128 | JP 1998-194566 | 19980709 |

PRIORITY APPLN. INFO.: JP 1998-194566 19980709

AB The title resist compn. contains (a) a compd. generating an acid upon activating ray or radiation irradn., (b) a resin having polycyclic alicyclic groups and CO₂H groups, (c) a compd. having .gtoreq.2 groups CR₁R₂C:CR₃Z [R₁-3 = H, (substituted) alkyl, (substituted) cycloalkyl, 2 of R₁-3 may link each other to form a ring structure comprising 3-8 C atoms and heteroatoms; Z = O, S, SO₂, NH], (d) a compd. having a N-contg. basic group and acidic group in its mol., and (e) a F-type and/or Si-type surfactant. The compn. shows improved developability and provides a resoln. pattern with high residual film rate and good profile using deep UV rays, esp., ArF excimer lasers.

IT 216308-35-9

RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)
 (deep UV-sensitive pos. resist compn.)

L49 ANSWER 9 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1998:760085 HCAPLUS
 DOCUMENT NUMBER: 130:31165
 TITLE: Positive resist composition
 INVENTOR(S): Aoai, Toshiaki; Kondo, Shunichi; Sato, Kenichiro;
 Yamaoka, Tsuguo
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
 SOURCE: Eur. Pat. Appl., 84 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------------------------------------------------------------------------------------|------|----------|-----------------|----------|
| EP 878738 | A2 | 19981118 | EP 1998-108549 | 19980511 |
| EP 878738 | A3 | 19990623 | | |
| EP 878738 | B1 | 20020109 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| JP 10312060 | A2 | 19981124 | JP 1997-120919 | 19970512 |
| US 6245485 | B1 | 20010612 | US 1998-75818 | 19980512 |
| JP 11160877 | A2 | 19990618 | JP 1998-268267 | 19980922 |

PRIORITY APPLN. INFO.: JP 1997-120919 A 19970512
 JP 1997-260399 A 19970925

AB Disclosed is a pos. resist compn. which ensures, on use of an exposure light source of 220 nm or less, high sensitivity, good resoln.,

sufficiently high resistance against dry etching, satisfactory adhesion to the substrate, and superior developability even with a developer conventionally used for resists (for example, a 2.38% aq.

tetramethylammonium hydroxide soln.), the pos. resist compn. comprising a compd. generating an acid on irradn. of an active light ray or radiation, a resin having a polycyclic-type alicyclic group and a carboxyl group, and a compd. having at least two groups having the structure R1R2C=CR3Z- (R1-3 = H, alkyl, or cycloalkyl with the proviso that two of R1-3 may be combined to form a ring having 3-8 carbon or hetero atoms; Z = O, S, SO2, or NH).

IT 216308-35-9

RL: TEM (Technical or engineered material use); USES (Uses)
(pos. photoresists contg. polycyclic resins and)

L49 ANSWER 10 OF 20 HCPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1998:61755 HCPLUS
DOCUMENT NUMBER: 128:154698
TITLE: Synthesis and optical characterization of cholesteric polymer networks
AUTHOR(S): Stohr, Andreas; Strohriegl, Peter
CORPORATE SOURCE: Makromolekulare Chemie I and Bayreuther Institut fur Makromolekulforschung, Universitat Bayreuth, Bayreuth, D-95440, Germany
SOURCE: Molecular Crystals and Liquid Crystals Science and Technology, Section A: Molecular Crystals and Liquid Crystals (1997), 299, 211-221
CODEN: MCLCE9; ISSN: 1058-725X
PUBLISHER: Gordon & Breach Science Publishers
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Some novel chiral liq. cryst. diacrylates and triacrylates are synthesized. Photopolymn. of mixts. with nematic di- and triacrylates leads to polymer networks in which the helical structure of the cholesteric mesophase is frozen in. The reflection wavelength of the cholesteric phase is controlled by the compn. of the mixts. and was detd. by UV-VIS spectroscopy. The angular dependence of the reflection wavelength of the polymer networks and the corresponding colorimetric coordinates were evaluated.

IT 201601-62-9P 202598-31-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(monomers; in prepn. and optical characterization of cholesteric polymer networks)

REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L49 ANSWER 11 OF 20 HCPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1996:545599 HCPLUS
DOCUMENT NUMBER: 125:170986
TITLE: Crosslinking agents for acid-resistant and storage-stable coatings with high toughness
INVENTOR(S): Tanaka, Takeshi; Takuma, Juki
PATENT ASSIGNEE(S): Mitsubishi Chemical Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|-------------|------|----------|-----------------|----------|
| JP 08151479 | A2 | 19960611 | JP 1994-296627 | 19941130 |

PRIORITY APPLN. INFO.:

JP 1994-296627

19941130

OTHER SOURCE(S): MARPAT 125:170986

AB Title agents have the general formula Z(CO₂CR₁:CHR₂)_n (R₁, R₂ = H, C₁-20 alkyl, C₆-20 aryl; Z = C₆-10 arom. hydrocarbon, C₄-8 alicyclic hydrocarbon, biphenyl, C₂-6 aliph. hydrocarbon group; n = 2-10). Thus, 200 parts triisopropenyl 1,3,5-benzenetricarboxylate were blended with p-toluenesulfonic acid and 800 parts of 400:400 dispersion of THF and an acrylic polyol (prepd. by radical polymn. of Me methacrylate 300, hydroxyethyl methacrylate 140, and styrene 120 parts). The resulting compn. was applied on a glass plate and cured at 150.degree. for 40 min to give a coating showing pencil hardness 2-3 H, no changes in pencil hardness and appearance after immersing in aq. H₂SO₄ for 7 days.

IT 180742-49-8P

RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)

(polycarboxylic acid ester crosslinking agents for acid-resistant coatings)

L49 ANSWER 12 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1993:23855 HCAPLUS

DOCUMENT NUMBER: 118:23855

TITLE: Vinyl ether siloxane copolymer coating compositions

INVENTOR(S): Liu, Kou Chang

PATENT ASSIGNEE(S): ISP Investments Inc., USA

SOURCE: U.S., 6 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|----------|
| US 5147946 | A | 19920915 | US 1991-667140 | 19910311 |
| PRIORITY APPLN. INFO.: | | | US 1991-667140 | 19910311 |

AB The title compns., useful for forming clear, chem.-resistant and water-repellent protective films on substrates, contain 15-40% cyclic polyvinyl compds. and 60-85% OH-contg. vinyl ether siloxanes. Thus, applying a compn. contg. tris(4-vinylxybutyl)-1,3,5-cyclohexyltricarboxylate 30, H₂C:CHOC4H₈OCH₂CH(OH)CH₂OC6H₄CH₂C6H₄OCH₂CH(OH)CH₂OC2H₄OC3H₆(SiMe₂O)4SiMe₃ 69, and Ph₃S+.PF6- 1 part on an Al panel to apprx.1.3 mils, irradiating by UV and baking at 177.degree. for 10 min gave coatings having excellent adhesion and no. of ketone solvent rubs before break-through .gt;req.100.

IT 145116-99-0D, polymers with hydroxy-contg. vinyl group-terminated siloxanes

RL: TEM (Technical or engineered material use); USES (Uses) (coatings, UV-curable, chem.- and water-resistant)

L49 ANSWER 13 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1991:634930 HCAPLUS

DOCUMENT NUMBER: 115:234930

TITLE: Heat-sensitive recording materials

INVENTOR(S): Minami, Tooru; Minami, Toru; Yanagi, Tatsuro; Noda, Mariko

PATENT ASSIGNEE(S): Sanyo Chemical Industries Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|----------|
| JP 03120077 | A2 | 19910522 | JP 1989-258336 | 19891003 |
| PRIORITY APPLN. INFO.: | | | JP 1989-258336 | 19891003 |

OTHER SOURCE(S): MARPAT 115:234930

AB The title media giving images with good color d. and whiteness contain vinyl ethers $(CH_2:CROAO_2CNH)_nY$ (A = C1-7 alkylene; R = H, Me; Y = isocyanate residues; n = 1-7) and/or $(CH_2:CROAO_2C)_nZ$ (Z = CO₂H residues). Thus, $[CH_2:CHO(CH_2)_4O_2CNH]_2X$ (X = 1,4-cyclohexanediyl) was used.

IT 137133-09-6

RL: USES (Uses)
(sensitizers, for heat-sensitive recording materials)

L49 ANSWER 14 OF 20 HCPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1991:81518 HCPLUS

DOCUMENT NUMBER: 114:81518

TITLE: Convergent functional groups. X. Molecular recognition of neutral substrates

AUTHOR(S): Jeong, K. S.; Tjivikua, T.; Muehldorf, A.; Deslongchamps, G.; Famulok, M.; Rebek, J., Jr.

CORPORATE SOURCE: Dep. Chem., Massachusetts Inst. Technol., Cambridge, MA, 02139, USA

SOURCE: Journal of the American Chemical Society (1991), 113(1), 201-9

CODEN: JACSAT; ISSN: 0002-7863

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Synthetic mol. clefts with functional groups complementary to adenines, diketopiperazines, and barbiturates have been prepd. Lactams and imides are compared for H bonding affinities toward each other and to the above heterocycles. Titrns. in CDCl using NMR show that assocn. consts. vary by factors of 104 for adenines, 102 for diketopiperazines, and 10 for barbiturates with the new receptors. Enantioselective recognition of cyclo-L-Leu-Leu is obsd., corresponding to $\Delta\Delta G = 2.7$ kcal/mol. The relative strengths of H-bonding arrays are interpreted in terms of secondary interactions.

IT 129032-18-4P 131589-71-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and redn. of)

L49 ANSWER 15 OF 20 HCPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1990:531959 HCPLUS

DOCUMENT NUMBER: 113:131959

TITLE: Molecular recognition. Asymmetric complexation of diketopiperazines

AUTHOR(S): Jeong, K. S.; Muehldorf, A. V.; Rebek, Julius, Jr.

CORPORATE SOURCE: Dep. Chem., Massachusetts Inst. Technol., Cambridge, MA, 02139, USA

SOURCE: Journal of the American Chemical Society (1990), 112(16), 6144-5

CODEN: JACSAT; ISSN: 0002-7863

DOCUMENT TYPE: Journal

LANGUAGE: English

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB A new triacid, cis,cis-1,3,5-tripropylcyclohexane 1,3,5-tricarboxylic acid (I), is introduced as an analog of Kemp's triacid with enhanced solv.

Dilactam and diimide derivs., e.g., II, are prep'd. through condensation with arom. diamines. The dilactams show high affinity for diketopiperazines III (R, R1 = H, CH2CHMe2) in complexation reactions in CDC13. Optically active dilactams bind cyclo-L-leucyl-L-leucine with enantioselectivity of ~100:1 in CDC13.

IT 129032-18-4P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and sequential redn. and hydrolysis of, triacid from)

L49 ANSWER 16 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1987:587554 HCAPLUS
DOCUMENT NUMBER: 107:187554
TITLE: Preparation of microreplicas
PATENT ASSIGNEE(S): Eastman Kodak Co., USA
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|-------------|------|----------|-----------------|----------|
| JP 62044732 | A2 | 19870226 | JP 1986-192624 | 19860818 |

PRIORITY APPLN. INFO.: US 1985-766991 19850819

AB Microreplicas are prep'd. by coating a master pattern with a radiation curing type compn. contg. a compd. of the formula Z(CO₂Z₁O₂CCR:CH₂)_p [Z = aliph. or arom. moiety; Z₁ = (CH₂)_n, CH₂CH₂OCH₂CH₂, CHMeCH₂; R = H, Me; n = 2-10; p = 3, 4] and irradiating the coating with an actinic radiation. The method is esp. useful for prepn. of optical disk replicas. Thus, an optical disk was metalized, then coated with a compn. contg. tris(2-acryloyloxyethyl) 1,3,5-cyclohexanetricarboxylate, 2-acryloyloxyethyl benzoates, 3-benzoyl-5,7-dipropoxycoumarin, and Et p-dimethylaminobenzoate, and the coating was cured to give a replica with good mech. strength.

IT 106610-37-1

RL: USES (Uses)
(photosensitive resin compns. contg., for optical disk replica prepn)

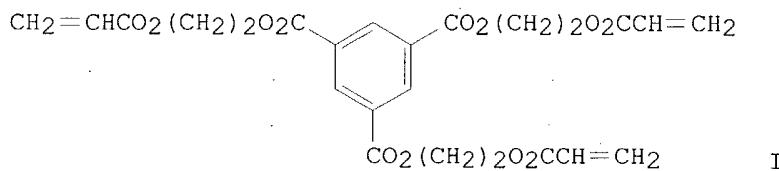
L49 ANSWER 17 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1987:76230 HCAPLUS
DOCUMENT NUMBER: 106:76230
TITLE: Optical recording element having a polymerized crosslinked homopolymer smoothing layer
INVENTOR(S): Molaire, Michel F.; Kaplan, Mark S.
PATENT ASSIGNEE(S): Eastman Kodak Co., USA
SOURCE: U.S., 6 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|-------------|------|----------|-----------------|----------|
| US 4619890 | A | 19861028 | US 1985-766992 | 19850819 |
| JP 62046687 | A2 | 19870228 | JP 1986-192623 | 19860818 |

PRIORITY APPLN. INFO.: US 1985-766992 19850819

GI



AB An optical recording material useful for recording digital, video, and audio information contains a support coated with a smoothing layer that is a crosslinked homopolymer in which the polymd., crosslinked recurring unit is derived from the monomer A(ZZ1COCR:CH2)m (A = benzene, cyclohexane nucleus; Z = CO2, O; Z1 = (CH2)nO, (CH2CH2O)n; R = H, Me; m = 2-4; n = 2-10). The layer is flexible and nonbrittle. Thus, a polyester support was coated with a compn. (15% solids in CH2Cl2) contg. I 863.6, 3-benzoyl-5,7-dipropoxycoumarin 236.8, Et p-dimethylaminobenzoate 473.6, and Fluorad FC431 64.6 mg/m2 to produce a 5 .mu.m dry layer, exposed to a 3000 W Hg lamp for 0.1 s, and coated (vacuum deposition) with a metal reflecting layer.

IT 106610-37-1

RL: USES (Uses)
(photopolymerizable smoothing layer compn. contg., for optical recording element)

L49 ANSWER 18 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1984:78853 HCAPLUS

DOCUMENT NUMBER: 100:78853

TITLE: Gas chromatography of iron(III) chelates of hexadentate Schiff bases

AUTHOR(S): Dilli, S.; Patsalides, E.

CORPORATE SOURCE: Sch. Chem., Univ. New South Wales, Kensington, 2033, Australia

SOURCE: Journal of Chromatography (1983), 270, 354-8
CODEN: JOCRAM; ISSN: 0021-9673

DOCUMENT TYPE: Journal

LANGUAGE: English

AB FeL (H3L = H3C(CH2NHC(CH3):CHC(O)CH3)3, 4,4',4''-(cyclohexane-cis,cis-1,3,5-triyltriamino)tris(pent-en-2-one) (I)) were prep'd. from H3L, FeCl3 and KOBu-tert in THF and characterized by elemental anal. I and FeL (H3L = I) are newly reported. Although FeL decomp. near 230.degree. without appreciable volatilization they chromatograph at <230.degree. without apparent decompn. Sharp, sym. peaks were obtained, in contrast to Fe complexes of .beta.-diketones. At ng levels attempts to prep. and ext. FeL from aq. soln. were unsuccessful.

IT 88437-21-2P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prep'n. of)

L49 ANSWER 19 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1978:522224 HCAPLUS

DOCUMENT NUMBER: 89:122224

TITLE: Schiff bases of 1,3-dicarbonyl compounds with triamines and their iron(III), cobalt(III), nickel(II) and copper(II) complexes

AUTHOR(S): Flueckiger, Jean Rodolphe; Schlaepfer, Carl Wilhelm
Inst. Anorg. Anal. Chem., Univ. Fribourg, Fribourg, Switz.

CORPORATE SOURCE: Helvetica Chimica Acta (1978), 61(5), 1765-74
CODEN: HCACAV; ISSN: 0018-019X

DOCUMENT TYPE: Journal

LANGUAGE: German

AB The reactions of 1,1,1-tris(aminomethyl)ethane and cis,cis-1,3,5-triaminocyclohexane with MeCOC[:CH(OEt)]COR (R = OEt, Me) gave Z[CH₂NHCH:C(COR)COMe]3 (Z = ethyliyne and 1,3,5-cyclohexanetriyl; R = OEt, Me), resp. These 4 ligands (H₃L) react with metals to give octahedral ML (M = Co, Fe) and square planar one of the bidentate branches of the ligand is not deprotonated and remains uncoordinated.

IT 67516-58-9P 67516-60-3P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

L49 ANSWER 20 OF 20 HCAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1975:5571 HCAPLUS

DOCUMENT NUMBER: 82:5571

TITLE: Wetting agents for nonaqueous dispersions

INVENTOR(S): Bruenner, Rolf S.

PATENT ASSIGNEE(S): Aerojet-General Corp.

SOURCE: U.S., 19 pp.

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|----------|
| US 3819561 | A | 19740625 | US 1970-83473 | 19701023 |
| PRIORITY APPLN. INFO.: | | | US 1970-83473 | 19701023 |

AB The title compds., suitable for use in nonaq. dispersions, e.g. for lowering the viscosity of polybutadiene propellant binders contg. finely ground NH₄ perchlorate (I), consisted of ureas, phosphoric triamides, and sulfones, prep'd. by the addn. reaction of amines with isocyanates at room temp. Thus, treatment of Armeen 2-0 [40165-68-2] with Isonate 125M [101-68-8] gave bis[4-[(dioleylaminocarbonyl)amino]phenyl]methane [52978-36-6] which when added (0.5%) to a suspension of ultrafine I in mineral oil gave Oswald viscosity 1510 cSt at 25.degree..

IT 53092-33-4

RL: USES (Uses)
(wetting agents, for nonaq. dispersions)

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DICTIONARY FILE UPDATES: 20 MAY 2004 HIGHEST RN 684211-73-2

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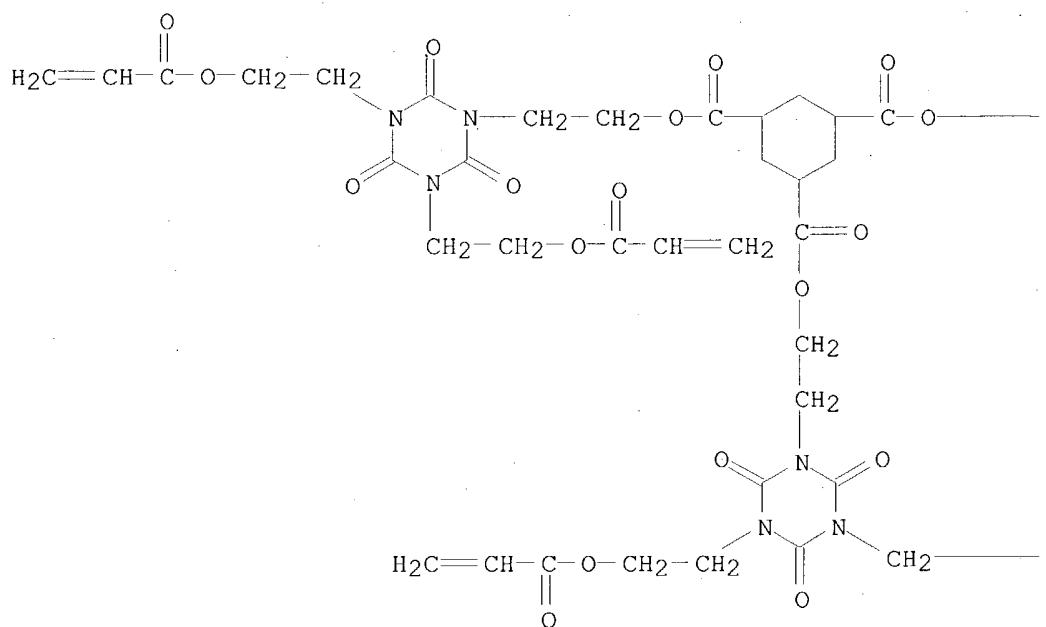
Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
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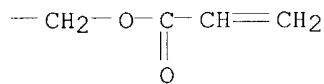
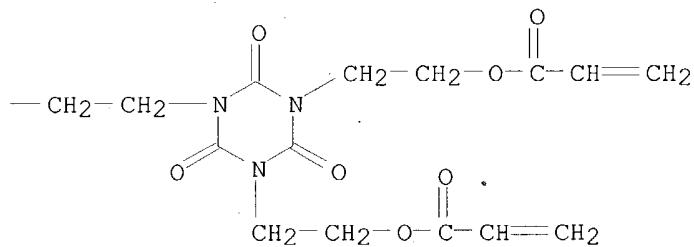
L48 ANSWER 1 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
RN 679408-06-1 REGISTRY
CN 1,3,5-Cyclohexanetricarboxylic acid, tris[2-[tetrahydro-2,4,6-trioxo-3,5-
bis[2-[(1-oxo-2-propenyl)oxy]ethyl]-1,3,5-triazin-1(2H)-yl]ethyl] ester
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C54 H63 N9 O27
CI COM
SR CA
LC STN Files: CA, CAPLUS

PAGE 1-A



X

PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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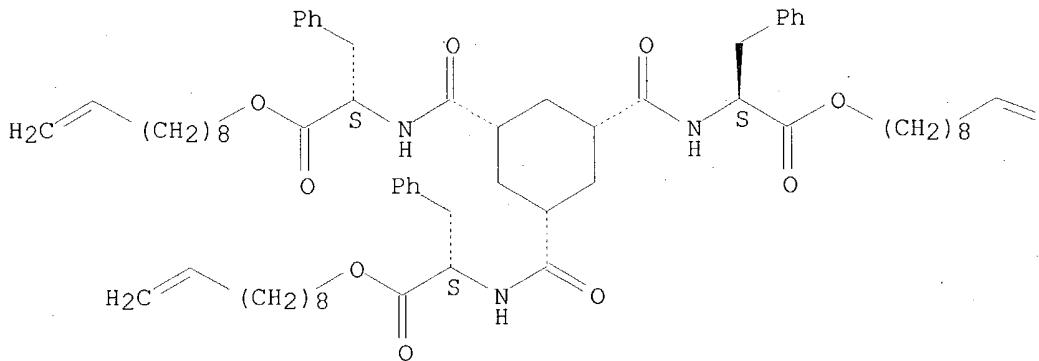
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 140:329574

L48 ANSWER 2 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 627093-39-4 REGISTRY
 CN L-Phenylalanine, N,N',N'''-[(1.alpha.,3.alpha.,5.alpha.)-1,3,5-cyclohexanetricyltricarbonyl]tris-, tri-9-decenyl ester (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C66 H93 N3 O9
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

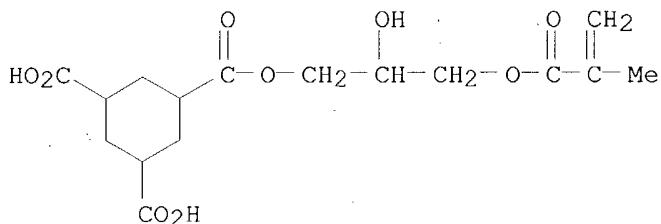
\approx CH₂

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1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:396167

L48 ANSWER 3 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 393545-91-0 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxylic acid, mono[2-hydroxy-3-[(2-methyl-1-oxo-2-propenyl)oxy]propyl] ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C16 H22 O9
 CI COM
 SR CA



X

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L48 ANSWER 4 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN

RN 335357-71-6 REGISTRY

CN 1,3-Cyclohexanedicarboxylic acid, 5-[[[4-[(2E)-2-(4-nitrophenyl)ethenyl]phenyl]amino]carbonyl]-, (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

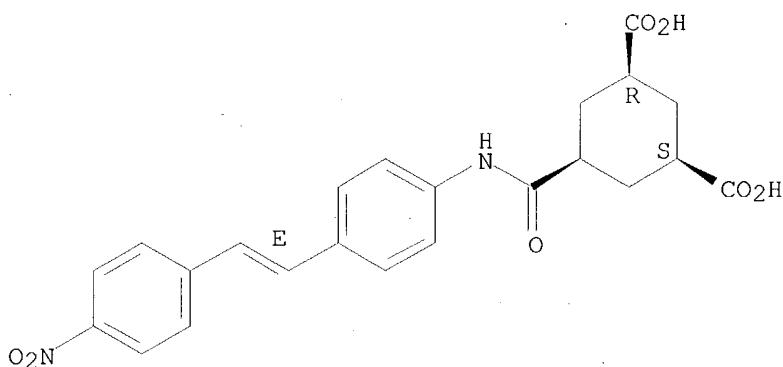
MF C23 H22 N2 O7

SR CA

LC STN Files: CA, CAPLUS

Relative stereochemistry.

Double bond geometry as shown.



X

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:320292

L48 ANSWER 5 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN

RN 330974-92-0 REGISTRY

CN 1,3,5-Cyclohexanetricarboxamide, N,N',N''-tris[(9Z)-1-oxo-9-eicosenyl]-, (1.alpha.,3.alpha.,5.beta.)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C69 H123 N3 O6

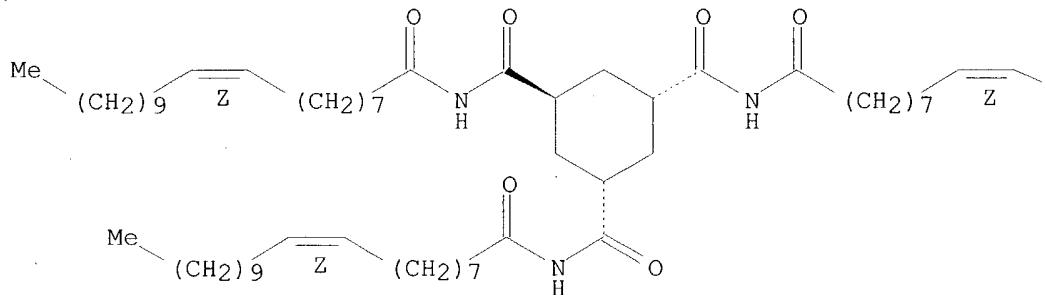
SR CA

LC STN Files: CA, CAPLUS

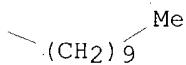
Relative stereochemistry.

Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

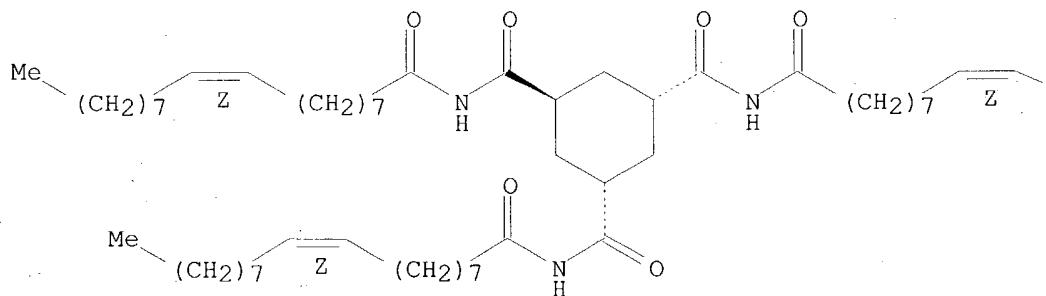
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REFERENCE 1: 134:256618

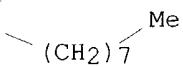
L48 ANSWER 6 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 330974-91-9 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxamide, N,N',N''-tris[(9Z)-1-oxo-9-octadecenyl]-, (1.alpha.,3.alpha.,5.beta.)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C63 H111 N3 O6
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.
 Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

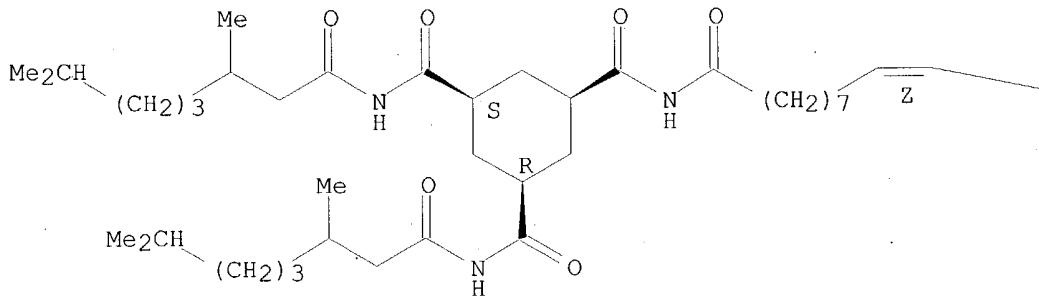
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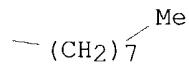
L48 ANSWER 7 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 330974-90-8 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxamide, N,N'-bis(3,7-dimethyl-1-oxooctyl)-N'-(9Z)-1-oxo-9-octadecenyl-, (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C47 H83 N3 O6
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.
 Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

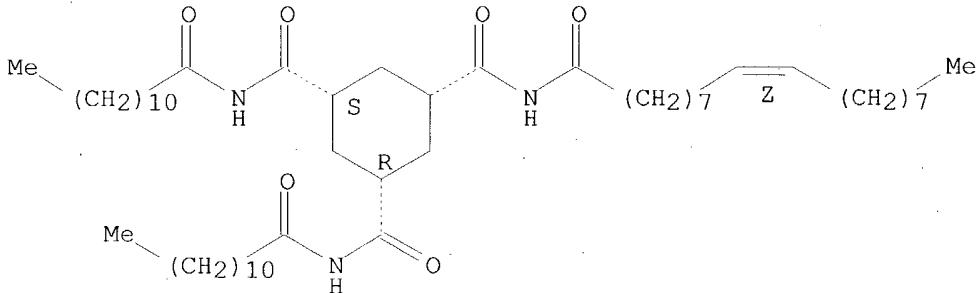
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REFERENCE 1: 134:256618

L48 ANSWER 8 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 330974-89-5 REGISTRY

CN 1,3,5-Cyclohexanetricarboxamide, N,N'-bis(1-oxododecyl)-N''-[(9Z)-1-oxo-9-octadecenyl]-, (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C51 H91 N3 O6
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.
 Double bond geometry as shown.



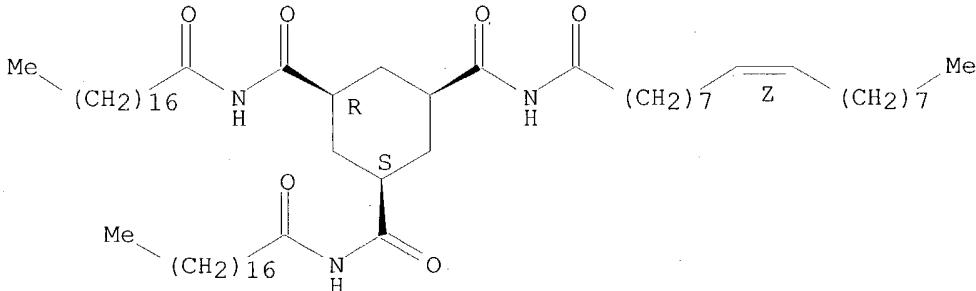
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:256618

L48 ANSWER 9 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 330974-88-4 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxamide, N-[(9Z)-1-oxo-9-octadecenyl]-N',N''-bis(1-oxo-octadecyl)-, (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C63 H115 N3 O6
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.
 Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

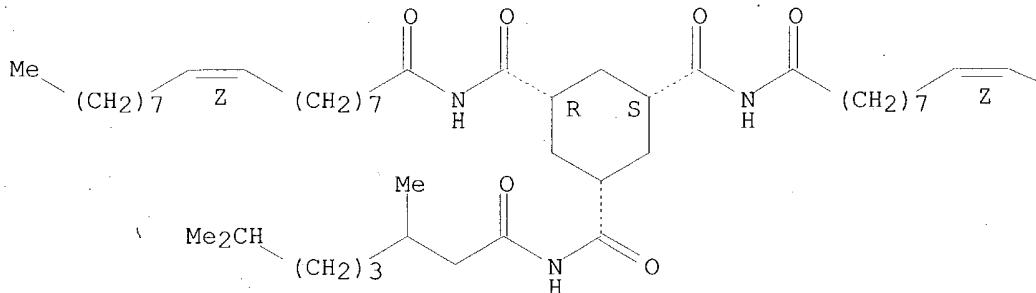
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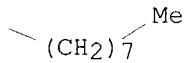
L48 ANSWER 10 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 330974-87-3 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxamide, N-(3,7-dimethyl-1-oxooctyl)-N'-(9Z)-1-oxo-9-octadecenyl-, (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C55 H97 N3 O6
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.
 Double bond geometry as shown.

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PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

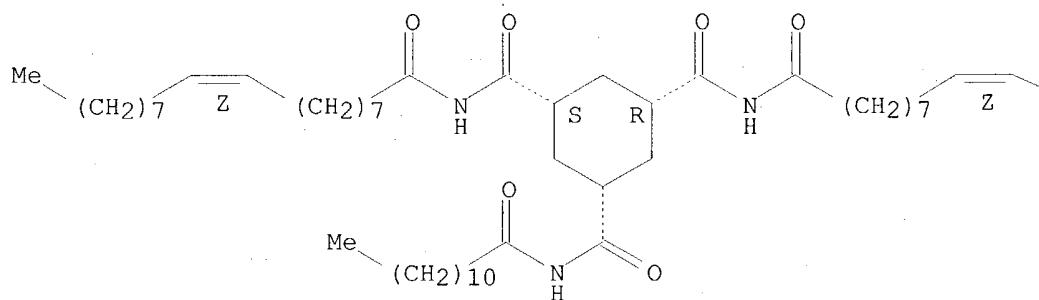
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:256618

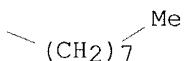
L48 ANSWER 11 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 330974-86-2 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxamide, N-(1-oxododecyl)-N'-(9Z)-1-oxo-9-octadecenyl-, (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C57 H101 N3 O6
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.
 Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:256618

L48 ANSWER 12 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN

RN 330974-85-1 REGISTRY

CN 1,3,5-Cyclohexanetricarboxamide, N,N'-bis[(9Z)-1-oxo-9-octadecenyl]-N''-(1-oxooctadecyl)-, (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

MF C63 H113 N3 O6

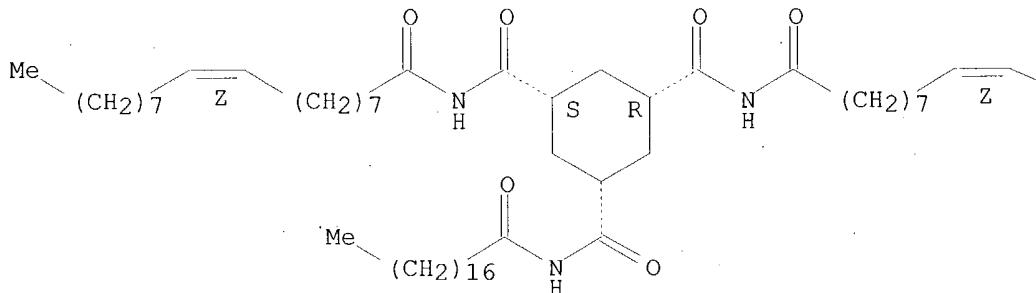
SR CA

LC STN Files: CA, CAPLUS

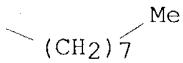
Relative stereochemistry.

Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

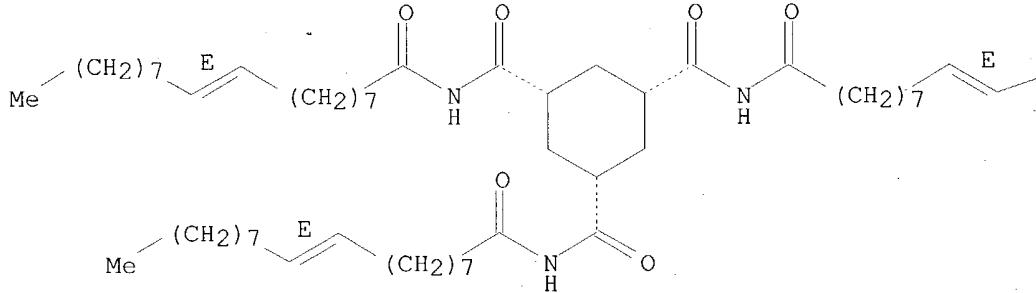
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:256618

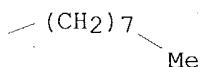
L48 ANSWER 13 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 330974-84-0 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxamide, N,N',N'''-tris[(9E)-1-oxo-9-octadecenyl]-,
 (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C63 H111 N3 O6
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.
 Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

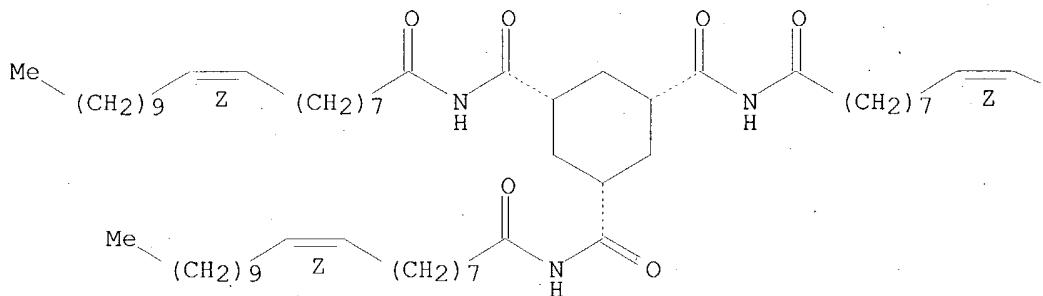
REFERENCE 1: 134:256618

L48 ANSWER 14 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 330974-83-9 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxamide, N,N',N'''-tris[(9Z)-1-oxo-9-eicosenyl]-,

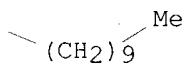
(1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C69 H123 N3 O6
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.
 Double bond geometry as shown.

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PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

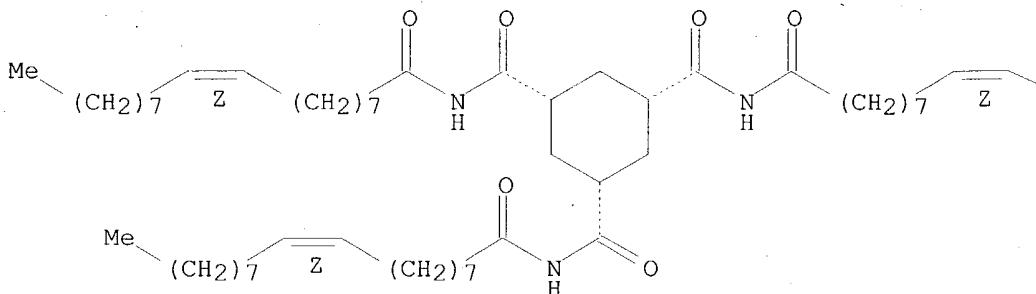
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:256618

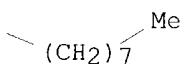
L48 ANSWER 15 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 330974-79-3 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxamide, N,N',N''-tris[(9Z)-1-oxo-9-octadecenyl]-,
 (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C63 H111 N3 O6
 SR CA
 LC STN Files: CA, CAPLUS

Relative stereochemistry.
 Double bond geometry as shown.

PAGE 1-A



PAGE 1-B

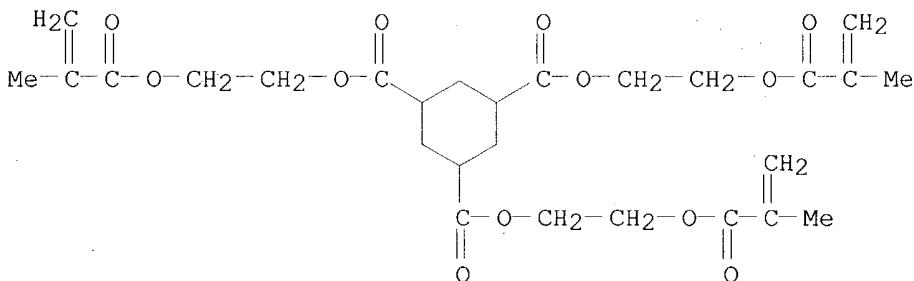


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:256618

L48 ANSWER 16 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 325705-58-6 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxylic acid, tris[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl] ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C27 H36 O12
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

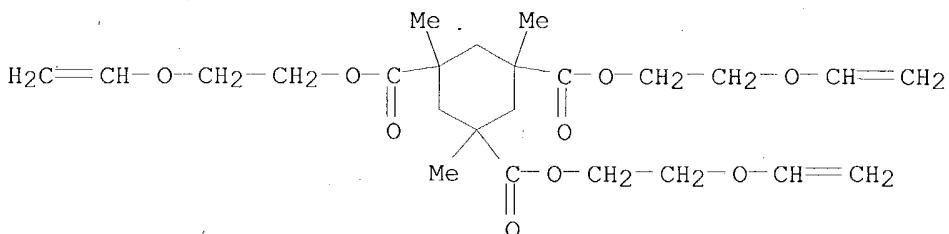


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 134:165660

L48 ANSWER 17 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 216308-35-9 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxylic acid, 1,3,5-trimethyl-,
 tris[2-(ethenoxy)ethyl] ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C24 H36 O9
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

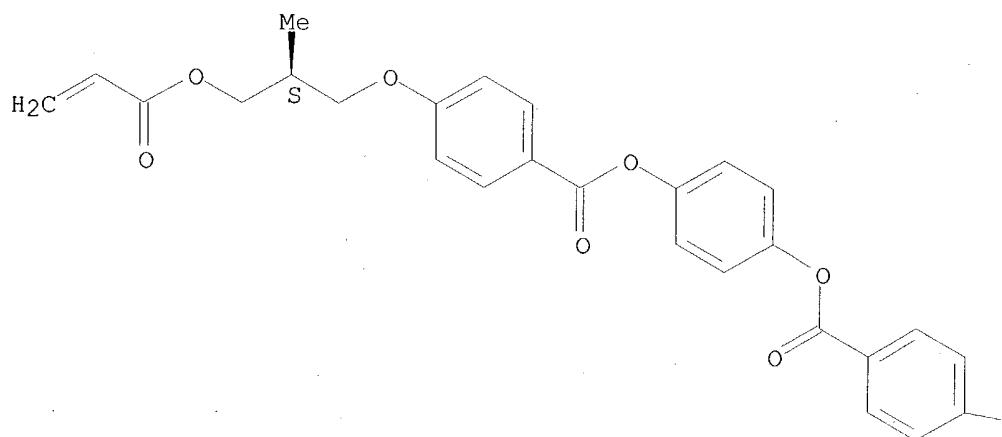
4 REFERENCES IN FILE CA (1907 TO DATE)
 4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 132:130026
 REFERENCE 2: 132:130025
 REFERENCE 3: 132:130024
 REFERENCE 4: 130:31165

L48 ANSWER 18 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 202598-31-0 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxylic acid, tris[2-methyl-3-[4-[[4-[[2-methyl-
 3-[(1-oxo-2-propenyl)oxy]propoxy]benzoyl]oxy]phenoxy]carbonyl]prop
 yl] ester, (all-S)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C102 H102 O30
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS

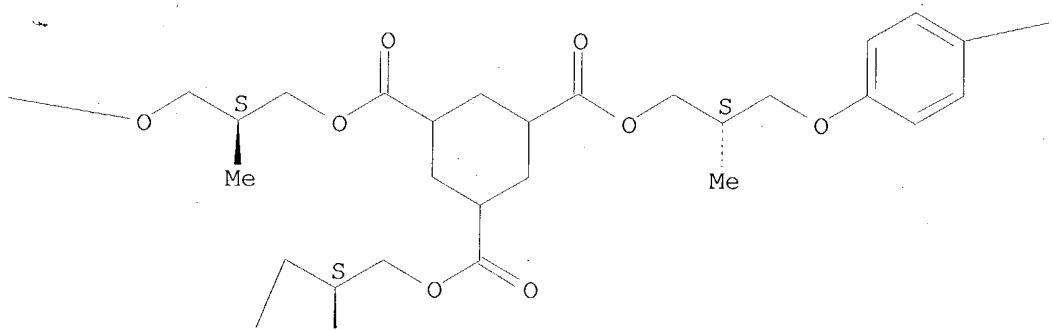
Absolute stereochemistry.

PAGE 1-A

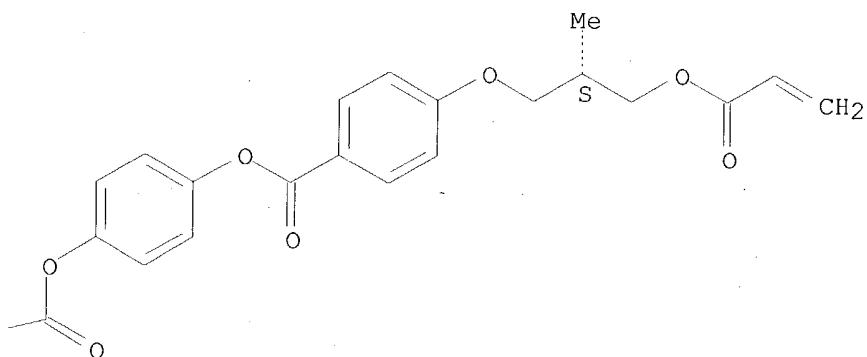


PAGE 1-B

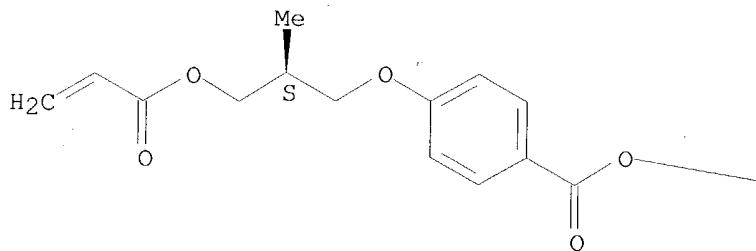
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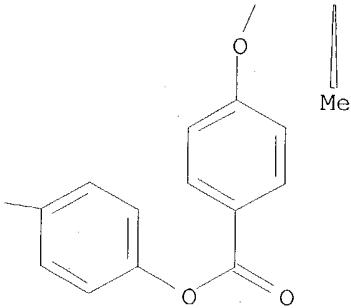
PAGE 1-C



PAGE 2-A



PAGE 2-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

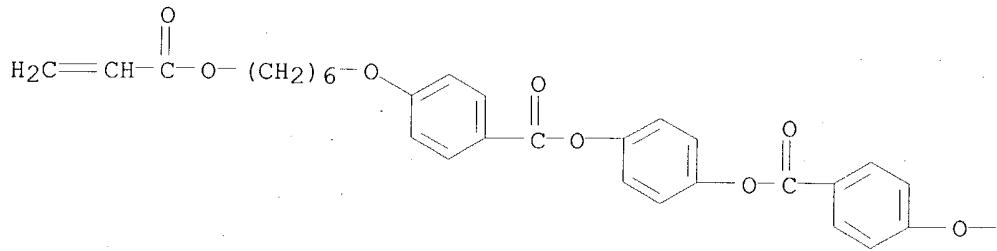
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 128:154698

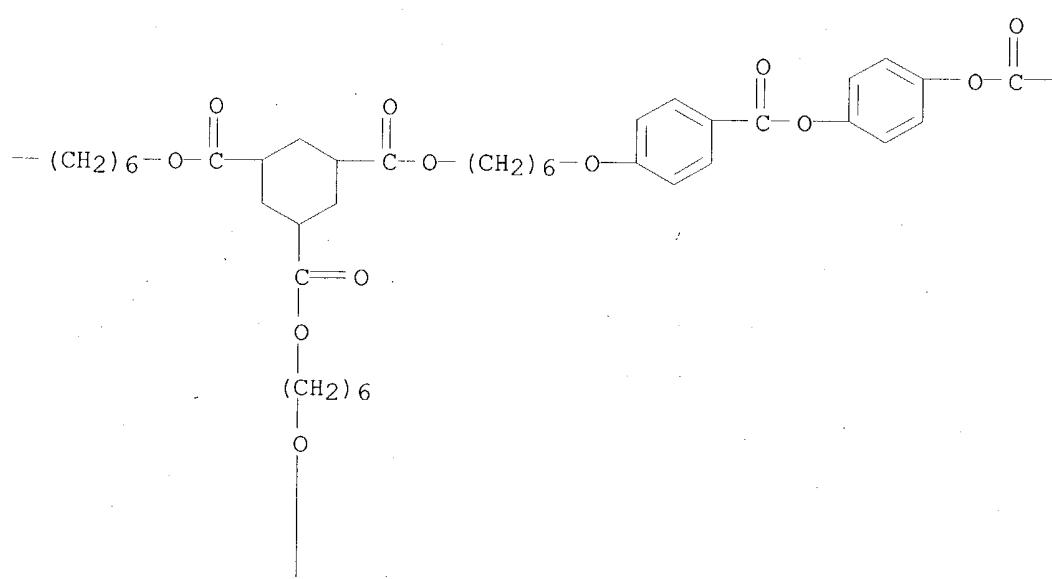
L48 ANSWER 19 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 201601-62-9 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxylic acid, tris[6-[4-[[4-[[6-[(1-oxo-2-propenyl)oxy]hexyl]oxy]benzoyl]oxy]phenoxy]carbonyl]hexyl] ester
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD

DR 202598-32-1
 MF C114 H126 O30
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS

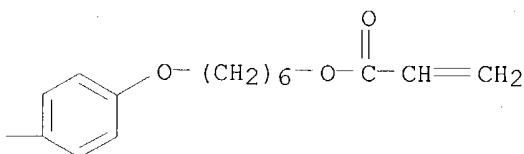
PAGE 1-A



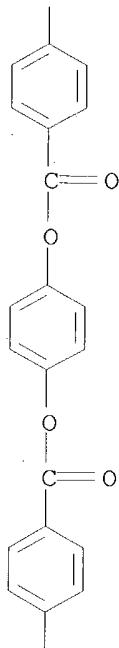
PAGE 1-B



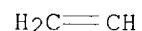
PAGE 1-C



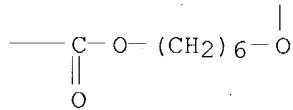
PAGE 2-B



PAGE 3-A



PAGE 3-B

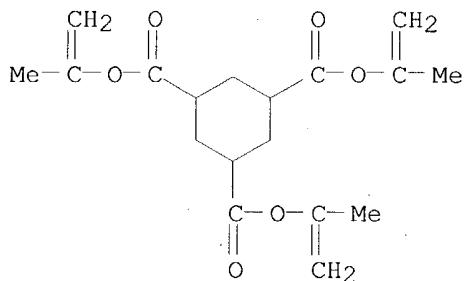


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 128:154698

L48 ANSWER 20 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 180742-49-8 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxylic acid, tris(1-methylethyl) ester (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C18 H24 O6
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS



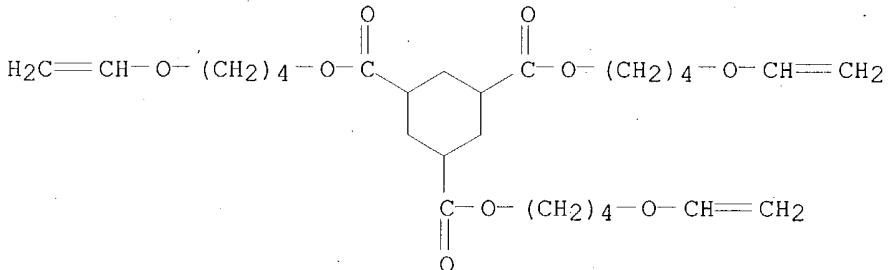
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 125:170986

L48 ANSWER 21 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 145116-99-0 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxylic acid, tris[4-(ethenoxy)butyl] ester (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C27 H42 O9
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



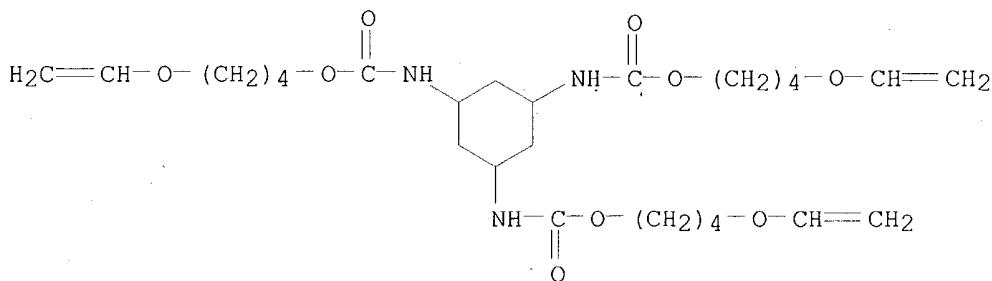
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 118:23855

L48 ANSWER 22 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 137133-09-6 REGISTRY
 CN Carbamic acid, 1,3,5-cyclohexanetriyltris-, tris[4-(ethenoxy)butyl] ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C27 H45 N3 O9
 SR CA
 LC STN Files: CA, CAPLUS



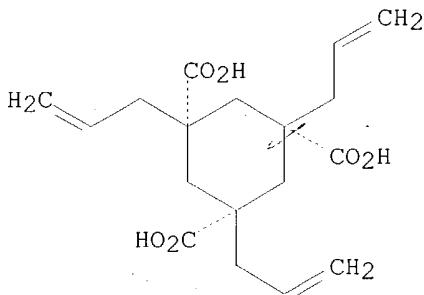
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 115:234930

L48 ANSWER 23 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
RN 131589-71-4 REGISTRY
CN 1,3,5-Cyclohexanetricarboxylic acid, 1,3,5-tri-2-propenyl-,
(1.alpha.,3.alpha.,5.alpha.)-(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C18 H24 O6
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

Relative stereochemistry.



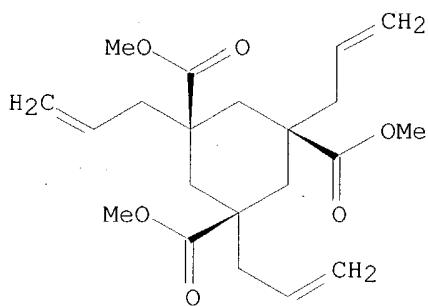
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 114:81518

L48 ANSWER 24 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
RN 129032-18-4 REGISTRY
CN 1,3,5-Cyclohexanetricarboxylic acid, 1,3,5-tri-2-propenyl-, trimethyl
ester, (1.alpha.,3.alpha.,5.alpha.)-(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C21 H30 O6
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

Relative stereochemistry.



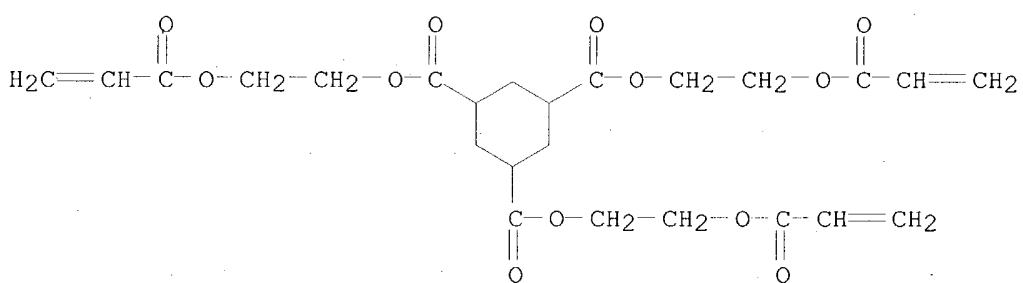
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 114:81518

REFERENCE 2: 113:131959

L48 ANSWER 25 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 106610-37-1 REGISTRY
 CN 1,3,5-Cyclohexanetricarboxylic acid, tris[2-[(1-oxo-2-propenyl)oxy]ethyl] ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C24 H30 O12
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 107:187554

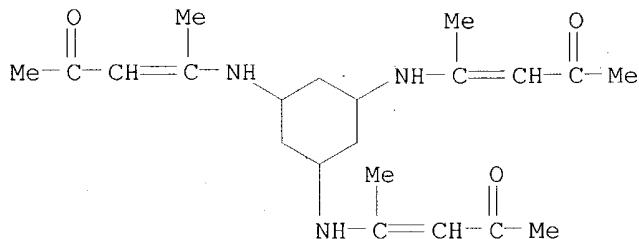
REFERENCE 2: 106:76230

L48 ANSWER 26 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 88437-21-2 REGISTRY
 CN 3-Penten-2-one, 4,4',4''-(1,3,5-cyclohexanetriyltriamino)tris-, (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)

MF C21 H33 N3 O3

LC STN Files: BEILSTEIN*, CA, CAPLUS

(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 100:78853

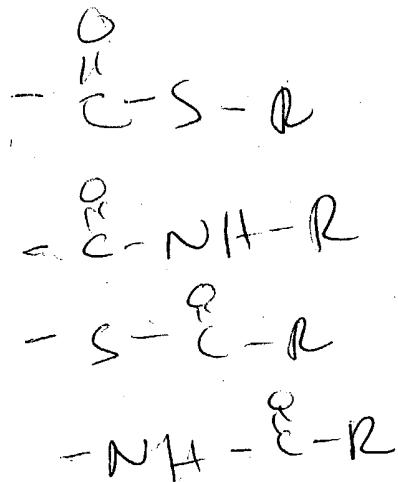
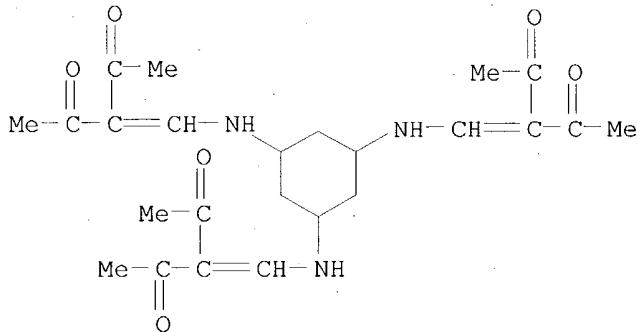
L48 ANSWER 27 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN

RN 67516-60-3 REGISTRY

CN 2,4-Pentanedione, 3,3',3'''-[1,3,5-cyclohexanetriyltris(iminomethylidyne)]tris-, (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)

MF C24 H33 N3 O6

LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 89:122224

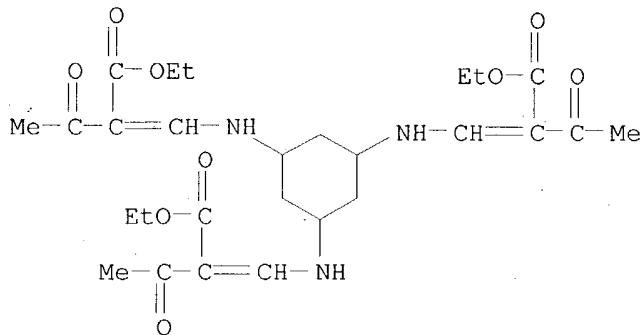
L48 ANSWER 28 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN

RN 67516-58-9 REGISTRY

CN Butanoic acid, 2,2',2'''-[1,3,5-cyclohexanetriyltris(iminomethylidyne)]tris-[3-oxo-, triethyl ester, (1.alpha.,3.alpha.,5.alpha.)- (9CI) (CA INDEX NAME)

MF C27 H39 N3 O9

LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

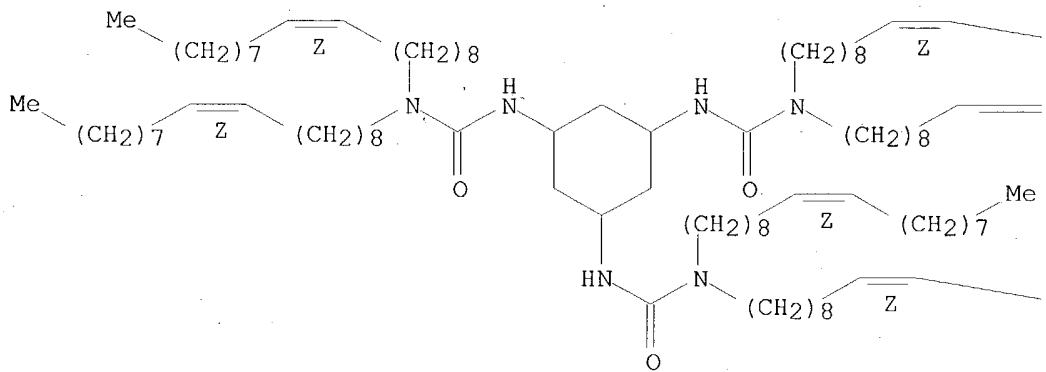
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 89:122224

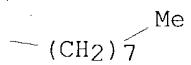
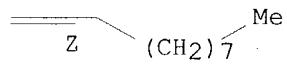
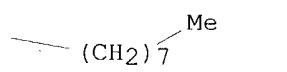
L48 ANSWER 29 OF 29 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 53092-33-4 REGISTRY
 CN Urea, N,N',N''-1,3,5-cyclohexanetriyltris[N',N'-di-9-octadecenyl-,
 (all-Z)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C117 H222 N6 O3
 LC STN Files: CA, CAPLUS, USPATFULL

Double bond geometry as shown. X

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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 82:5571